

Rudd Haemorrhoid Gun with Ligation Forceps

Description

The **Rudd Haemorrhoid Gun** is a specialized surgical instrument designed for the treatment of haemorrhoids through rubber band ligation. It works by deploying a small rubber band around the base of the haemorrhoid, cutting off its blood supply, causing it to shrink and eventually fall off. The device is used in combination with **Ligation Forceps**, which grasp the hemorrhoidal tissue during the procedure. This minimally invasive technique offers an effective, outpatient treatment option for internal haemorrhoids without the need for major surgery.

Specification

- **Material:** High-grade surgical stainless steel (commonly AISI 304 or 316)
- **Length:** Approximately 20-25 cm (varies by model)
- **Design:** Handheld, spring-loaded device for controlled rubber band deployment
- **Forceps:** Precision-designed ligation forceps with serrated tips for firm tissue grip
- **Rubber Bands:** Disposable sterile rubber bands, typically 1-2 mm in thickness
- **Weight:** Lightweight for easy handling during procedures
- **Finish:** Polished to smooth surface to minimize tissue trauma

Material

- **Instrument:** Surgical stainless steel — corrosion-resistant, durable, and easy to sterilize
- **Rubber Bands:** Medical-grade latex or synthetic elastomers for safe ligation

Category

Surgical Instruments — Proctology / Haemorrhoid Treatment Devices

Product Form

Reusable metal instrument with disposable rubber bands; ligation forceps included as a paired instrument.

Usage

- Used to treat internal haemorrhoids via rubber band ligation
- Hemorrhoidal tissue is grasped by ligation forceps, pulled into the barrel of the gun, and a rubber band is deployed at the base
- Cuts off blood supply causing haemorrhoid to shrink and fall off within days
- Outpatient procedure with minimal discomfort and quick recovery

Advantages

- Minimally invasive alternative to haemorrhoidectomy
- Can be performed in outpatient settings without anaesthesia
- Quick procedure with minimal downtime
- Reduced postoperative pain and complications compared to surgery
- Ligation forceps provide precise tissue grip ensuring accurate band placement

Disadvantages

- Not suitable for external haemorrhoids or very large prolapsed haemorrhoids
- Potential for discomfort or mild pain during and after procedure
- Risk of bleeding, infection, or thrombosis in rare cases
- Requires skilled practitioner for effective use

Precautions

- Patient should be evaluated to confirm internal haemorrhoids suitable for ligation
- Use sterile disposable rubber bands for each patient
- Follow strict aseptic protocols to prevent infection
- Monitor patient for signs of pain, bleeding, or complications post-procedure
- Avoid use in patients with bleeding disorders or severe anal infections

HS & HSN Codes

- **HS Code:** 9018.90 — Instruments and appliances used in medical, surgical, dental or veterinary sciences, n.e.s.
- **HSN Code (India):** 9018 — Instruments and appliances used in medical, surgical, dental or veterinary sciences

Sterilization Details

- Surgical instruments (gun and forceps) sterilized via autoclaving at 121°C for 15-20 minutes
- Rubber bands are single-use, pre-sterilized and disposed of after each procedure
- Thorough cleaning before sterilization recommended to remove blood and tissue residues
- Store sterilized instruments in sterile packaging until use

Human and Veterinary Applications

- **Human Medicine:** Primarily used in proctology for treatment of internal haemorrhoids in adult patients
- **Veterinary Medicine:** Rarely used; however, rubber band ligation principles can sometimes be adapted for veterinary proctological treatments under veterinary supervision

Frequently Asked Questions (FAQs)

Q1: What is the Ridd Haemorrhoid Gun used for?

A1: It is used to treat internal haemorrhoids by deploying rubber bands that cut off blood supply, causing haemorrhoids to shrink and fall off.

Q2: How does the ligation forceps work with the haemorrhoid gun?

A2: The forceps grasp the hemorrhoidal tissue, pulling it into the device's barrel for precise rubber band placement.

Q3: Is the procedure painful?

A3: Generally, the procedure causes mild discomfort but is less painful compared to surgical removal.

Q4: Are the rubber bands reusable?

A4: No, the rubber bands are single-use and must be sterile for each patient.

Q5: Can it be used for external haemorrhoids?

A5: No, it's intended for internal haemorrhoids only.